

3-WAY ADJUSTABLE CONCEALED HINGE



HES3D-120



Features

- Thin profile (21mm) allows for shallow mortise.
- Jig (sold separately) makes installation easy.
- Vertical, horizontal and depth adjustment possible post-installation (3way).
- Passed a 300,000 open/close cycle test in private testing.
- Can be split into two parts (one for the frame and one for the flap) making installation easy
- Temporary holding feature: can temporarily be hung and hold position without being affixed with screws. This makes installation much easier.
- Custom colors available on request. Please contact us for details.

Remarks

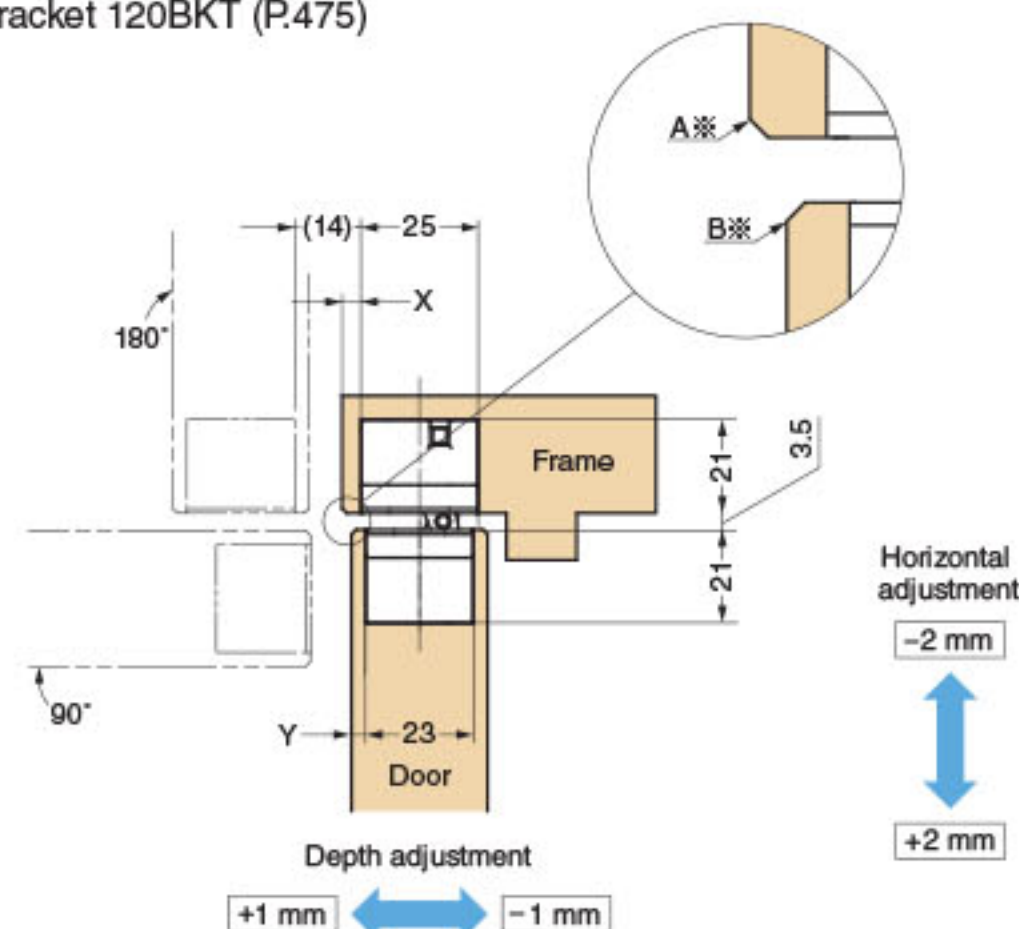
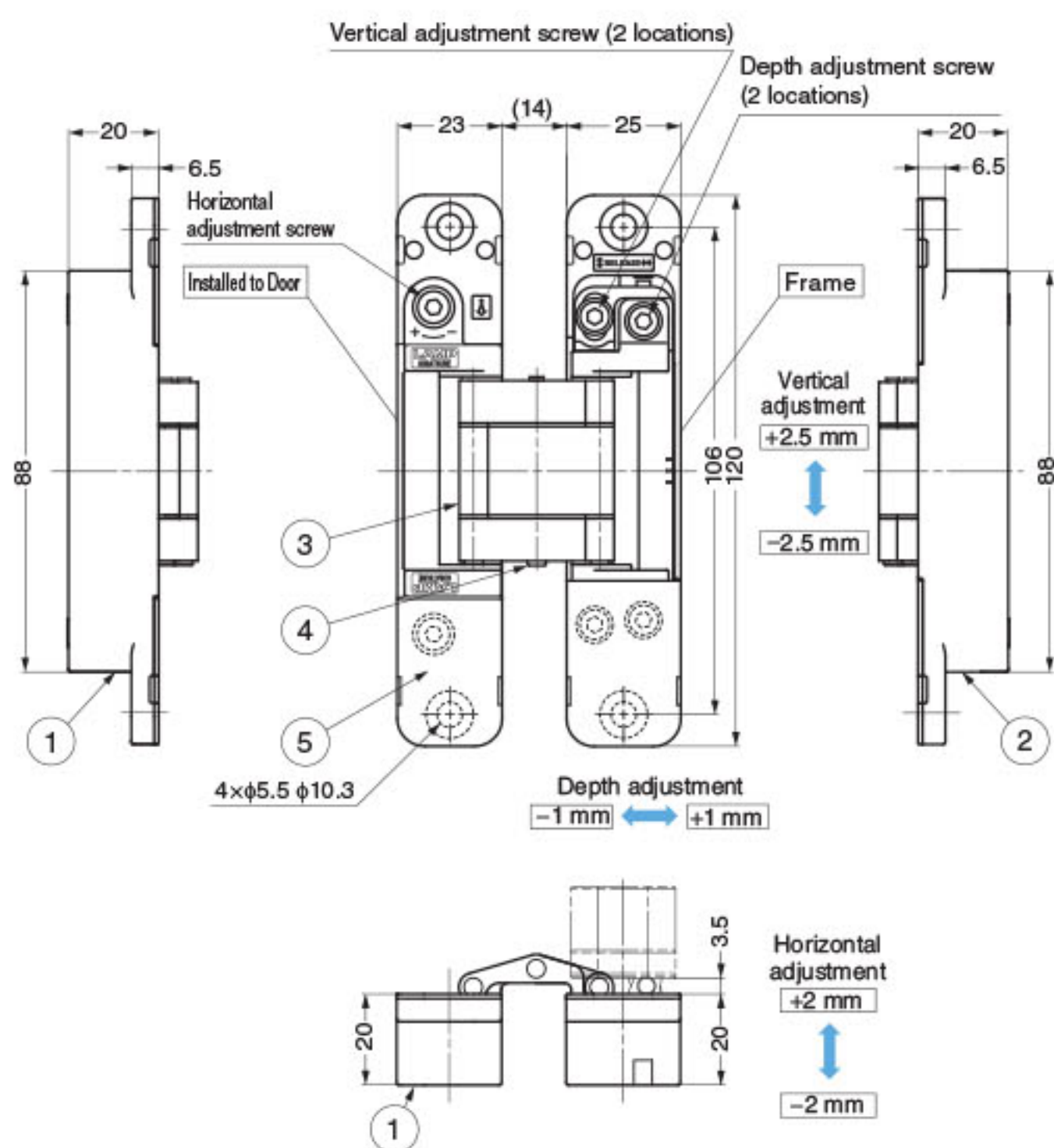
- Recommend to use with below door closer/ damper as below.
- LAPCON DOOR DAMPER LDD-S (P.720-721)
- LAPCON DOOR DAMPER LDD-V (P.718)
- When used in combination with door restrictors, please use HES3D-120-A100 instead. (New product catalogue page: F22)

Parts Included

- Countersunk head tapping screw 5x20
- Hex. wrench (a nominal diameter 3)
- Cutout template

Sold Separately

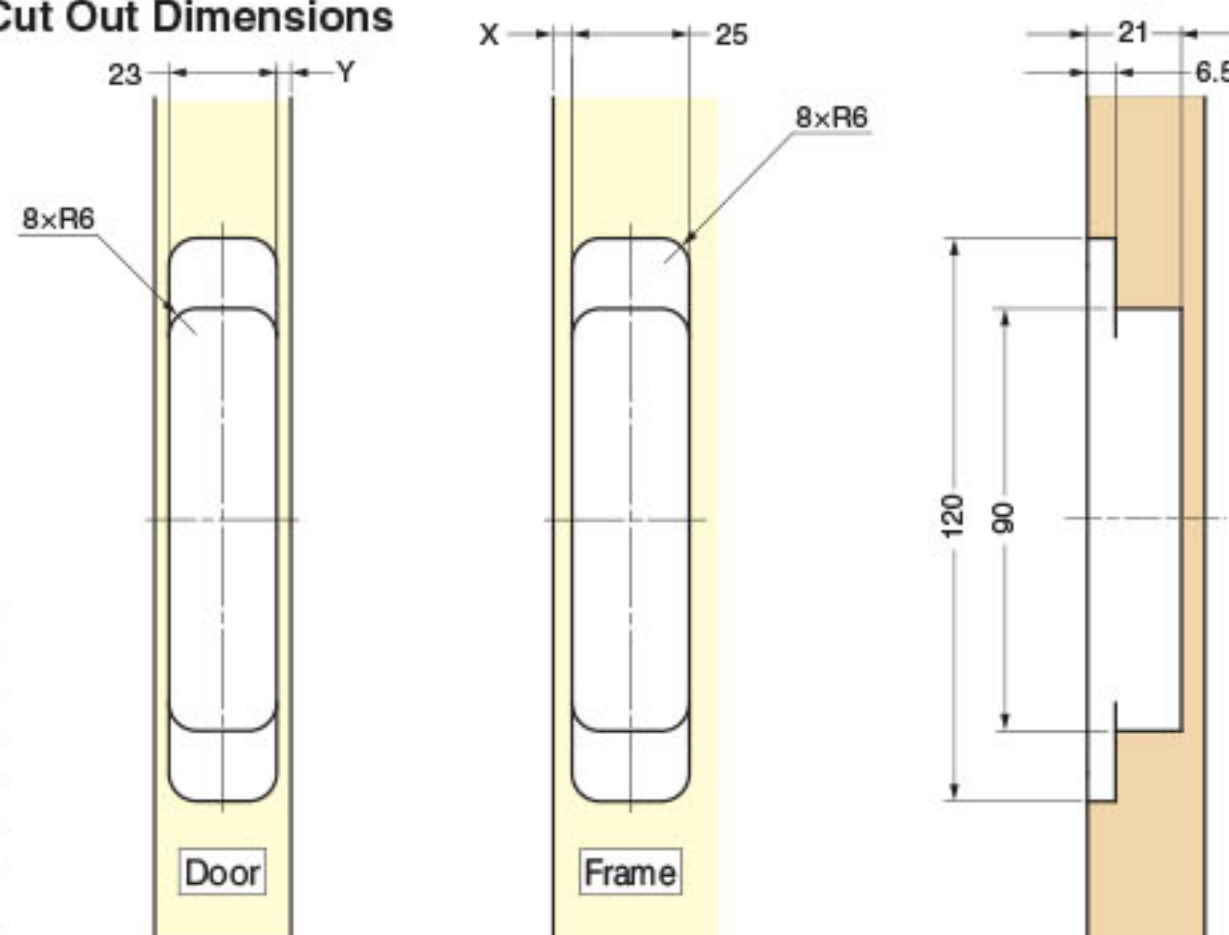
- Installation template HES3D-120-TMP (P.474)
- Metal door bracket 120BKT (P.475)



Please process the part (corner of door/frame) of ※ marked on the drawing to C1 or more (or R1 or more).

Y: Door machining margin	B: Door chamfering	X: Frame machining margin	A: Frame chamfering
4 and under	1	5 and under	1
5	2	6	2
	3	7	3
		5 and under	

Cut Out Dimensions



No.	Part Name	Material	Finish/Colour		
			DC	DN	BL
①	Body	Zinc Alloy (ZDC)	Satin Chrome	Satin Nickel	Black
②	Base Frame	Zinc Alloy (ZDC)	Satin Chrome	Satin Nickel	Black
③	Arm	Zinc Alloy (ZDC)	Satin Chrome	Satin Nickel	Black
④	Shaft	Stainless Steel	-	-	-
⑤	Cover (2 pairs)	ABS	Satin Chrome	Satin Nickel	Black

Item Code	Item Name	Colour	Door Width	Door Height	Door Thickness	Door Weight		Opening Angle	Weight	Box	Carton
170-045-819	HES3D-120DC	Silver	Max. 900	Max. 2400	Min. 29	Max. 30 kg/2 pcs	Max. 40 kg/3 pcs	180°	401 g	2 pcs	24 pcs
170-045-820	HES3D-120DN	Champagne Gold	Max. 900	Max. 2400	Min. 29	Max. 30 kg/2 pcs	Max. 40 kg/3 pcs	180°	401 g	2 pcs	24 pcs
170-045-821	HES3D-120BL	Black	Max. 900	Max. 2400	Min. 29	Max. 30 kg/2 pcs	Max. 40 kg/3 pcs	180°	401 g	2 pcs	24 pcs